

M. Kobloba

*Use of Gallium arsenide crystals to modulate emission
on 10.6 μ wavelength. 5 pp.*

*RUSSIAN, Problemy peredachi informatsii, 1969,
pp 376-382*

AIR/FTD-HC-23-848-72

oct 72

G. Vlasov

*On the range of video transmission in water by laser
beam. 5 pp.*

RUSSIAN, Problemy Peredachi Informatsii, 1969,

pp 650-655

AIR/FTD-HC-23-847-72

dec 72

Transmission Capacity with Zero Error and Erasure,
by M. S. Pinsker.
RUSSIAN, per, Problemy Peredachi Informatsii,
Vol VI, No 1, 1970, pp 20-24.
NAVY/APL/JHU-T-2652

Nov 72

Weight Spectrum of Binary Bouze- Choudhuri-
Hockingham Codes, by V. M. Sidelnikov
RUSSIAN, per, Problemy Peredachi Informatsii,
Vol 7, No 1, 1971, pp 14-22
NTC 71-16849-12A

Feb 72

Throughput Capacity of Multipath Channels, by
D. D. Klovskyy, V. A. Soyfer, 13 pp.
RUSSIAN, per, Problemy Peredachi Informatsii,
Moscow, Vol 8, No 1, 1972, pp 16-25.
JPRS 55939

May 72

Autocorrelation Properties of Certain Types of
Binary Sequences, by M. I. Pelekhatyy,

Ye. A. Golubev, 11 pp.

RUSSIAN, per, Problemy Peredachi Informatsii,
Moscow, Vol 8, No 1, 1972, pp 92-98.

JPRS 55940

May 72

RUSSIAN

55438

CSO: 02183/72 W

27 March 1972 SF

1. Autocorrelation Properties of Certain Types of Binary Sequences, by M. I. Pelekhatyy and Ye. A. Golubev.
2. Transmission Capacity of Multipath Channels, by D.D. Klovskiy and V.A. Doyfer.
3. The Problem of Compression of Literal Information, by O.L. Smirnov and F.I. Yunakov.

Moscow, Problemy Peredachi Informatsii, Vol. 8, No. 1,
~~pp 92-98~~ pp 92-98, pp 16-25, pp 99-103, 1972.

Pages 92-98 are needed by 17 April 1972.

Please publish and make reproductions.

Problems of Transmitting Information by Laser
Emission, by I.A. Deryugin, 488 pp.
RUSSIAN, per. Problemy Peredachi Informatsii
Lazernim Izlucheniym, 1968.
ACSI-K-2566
FSTC-HT-23-2015-72

Jul 72

*Crystal structure of Olivene, by Y. Kuroda,
Y. Natsuhisa*
RUSSIAN, per, Problemy petrologii i geneticheskoy
mineralologii, Akad Nauk SSSR, Sibirskoye Otdel. Inst.
Geol. i Geofiz., Vol 2, 1970, pp 169-180.
NASA TT F 14,243

apr 78

problems of Experiment Design.

RUSSIAN, BR., problemy planirovaniya eksperimenta,
1969.

USSR R 55

Sci-Fisc

Jul 68

352.570

Problems of Postradial Recovery, by I. G. Akoyev, 91 pp.
RUSSIAN, bk, Problemy Postluchevogo Vosstano-Vieniva,
1970. (Only the first 3 chapters).
ACSI K-0424-A

Jan 73

PROBLEMŮ PROCHNOSTI
(Strength of Materials - monthly)
Translation begins with 1969
lag time ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 190.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on overseas subscription

RUSSIAN

Comp. Special
*11 pp.*CSO: 0081/73 W
14 Jul 73 SF

Investigating the fatigue strength of models of
working blades of turbines in a gas flow, by
B. N. Sinayskiy.

Kiev, Problemy prochnosti, No 2, 1969, pp 13-17.

Ad Hoc

Spec type B

Do not publ

Original plus four copies - including reproductions.

Doc may be clipped and used for the reproduction.

RUSSIAN

CSO: 02703/72 W
19 May 1972 SF

Parameters for the presentation of the results of
creep tests on nickel-based alloys over a wide
range of creep life and temperature, by
L. B. Getsev.

Kiev, Problemy Prochnosti, No. 3, 1969, pp 36-40.

Ad Hoc
Special type B
Do not publish
Original plus four (4)

Experimental Research into Patterns of Carbon Steel
Deformation Under Combination of Stresses at Low
Temperatures, by G. S. Piarenko, A. A. Lebedev, 11 pp.
RUSSIAN, per, Problemy Prochnosti, No 5, 1969.
ARM/FSTC/IT-23-938-71

Sept 71

RUSSIAN

CEB: 02704/T2 W
19 May 1972 SF

True dissipation of energy in nickel-based heat
resistant alloys, by G. Ye. Vizerskaya.

Kiev, Problemy Prochnosti, No. 5, 1969, pp 19-21.

Ad Hoc
Special type B
Do not publish
Original plus four (4)

RUSSIAN

*Comp. Special
8pp.*CSO: 0082/73 W
14 Jul 72 SF

On the question of the cyclic creep and relaxation
of heat-resisting alloys, by L. B. Getsov.

Kiev, Problemy prochnosti, No 5, 1969, pp 34-38.

Ad Hoc

Spec type B

Do not publ

Original plus four copies - including reproductions.

Doc may be clipped and used for the reproduction.

Experimental Investigation of the Principles of
Deformation of Carbon Steel Under Conditions of Complex
Stress State at Low Temperatures, by G. S. Pisarenko,
10 pp.

RUSSIAN, per, Problemy Prochnosti, No 5, 1969, pp 42-47.
ARM/FSTC/HT-23-377-72

Sept 72

*Temperature Dependence of the Harness of Titanium,
Zirconium, and Hafnium Carbides, by M. S. Kovalchenko.
RUSSIAN, per, Probl. Proch. No 5, 1969, pp 63-66
FTD-HT Special 71-18*

RUSSIAN

CSO: 0235/73 W
1 Aug 72 SF

*Completed
Approved*

Determining the characteristics of the longitudinal strength of heat-resistant materials with long service life, by I. I. Trunin. *2/8*

Kiev, Problem prochnosti, No 6, 1969, pp 3-8.

Ad Hoc

Spec type B

Do not publ four

Translator's draft plus ~~one~~ ~~copy~~ ~~es~~ including reproductions if possible.

RUSSIAN *Comp. Special*
11 pp.

CSO: 0084/73 W
14 Jul 73 SF

Some general regularities of the resistance of
heat-resisting alloys to variable loads, by
N. M. Sklyarov, et. al.

Kiev, Problemy prochnosti, No 6, 1969, pp 9-13.

Ad Hoc

Spec type B

Do not publ

Original plus four copies - including reproductions.

Doc may be clipped and used for the reproduction.

RUSSIAN

*Comp. Specim
8 pp.*CSO: 0085/73 W
14 Jul 72 SF

Method of extrapolating the longitudinal strength
of heat-resistant materials, by V. I. Kovpak.

Kiev, Problemy prochnosti, No 6, 1969, pp 26-29.

Ad Hoc

Spec type B

Do not publish

Original plus four copies - including reproductions.

Doc may be clipped and used for the reproduction.

✓
Laws Governing the Strength and Hardness
Variations of Tantalum at High Temperatures,
by V. A. Borisenko, V. K. Kharchenko.
RUSSIAN, per, Problemy Prochnosti, Vol 1,
Sept 1969, pp 69-71
FTD HT Special 306-70

nov 70

Methods of Investigating Heat Transfer Boundary
Conditions in the Study of the Decomposition
processes of Heat-Protective Coatings, by
G. N. Tret'iachenko, L. V. Kravchuk.
RUSSIAN, per, Problemy Prochnosti, Vol 1, Oct
1969, pp 79-82.
FTD HT Special 339-70

sci
nov 70

Cyclic Creep and Relaxation of Heat Resistant
Alloys, by L. B. Gettsov. "P"
RUSSIAN, per, Problemy Prochnost, Vol 1, Nov
1969, pp 34-38.
FTD HT Special 349-70

Sci-Mat
Dec 70

Deforming of Dislocation Substructure and
Strengthening Mechanism During a Cyclic De-
formation of FCC Metals, by K. S. Chernyavskiy.
RUSSIAN, per, Problemy Prochnosti, Vol 1,
Nov 1969, pp 57-62.
FTD HT Special 309-70

nov 70

Determination of the Characteristics of a
Long-Time Strength of Heat Resistant Mater-
ials with Long Service Periods, by I. I.
Trunin.
RUSSIAN, Per, Problemy Prochnosti, Vol 1,
Dec 1969, pp 3-8
FTD HT Special 303-70

nov 70

New Method for Approximating the Long-Time
Strength and Creep of Heat Resistant Mater-
ials, by V. I. Kovpek.
RUSSIAN, per, Problem Prochnosti, Vol 1,
Dec 1969, pp 19-25.
FTD HT Special 307-70

nov 70

Extrapolation Method for a Long-Time Strength
of Heat Resistant Materials, by V. I. Kovpak.
RUSSIAN, per, Problemy Prochnosti, Vol 1,
Dec 1969, pp 26-29.
FTD HT Special 305-70

nov 70

RUSSIAN

Comp. 18
23 JVCSD: 00581/72 W
5 May 1972 NF

1. An investigation into the endurance of turbine-blade alloys and constructional parts under thermal cycling conditions, by V. T. Troshchenko et al.
2. Experimental determination of equivalent susceptibility to fatigue of alloy EK4373 with average life at various stress levels under creep conditions by K. A. Vorob'yev.

Kiev, Problemy Prochnosti, No. 1, 1970, pp 19-25, 91-94.

Ad Hoc

Special type B

Do not publish

Original plus four (4) copies

Study of Propagation Velocity of Fatigue Cracks,
by V. I. Shabalin, G. V. Abakov, 11 pp.
RUSSIAN, per, Problemy Prochnosti, No 2, 1970,
pp 11-17.
ARM/FBTC/HT-23-732-71

Sept 71

REQ TR CHECK

15-6-12

TJ02

EQUIVALENT TEST PROGRAM FOR GAS TURBINE ENGINES

KUZNETSOV N D; TSEYTLIN V I

UR: PROBLEMY PROGNOZII, 1970, vol 2,
pp 14-19*In process as**HS-23-71-1016**Negative*
2/2/77

SECRET *Comp. Special*
12pp.

CHS: 00119/73 W
17 Jul 72 SF

Low-cycle fatigue of heat-resistant materials K6612
and K1373 at normal and elevated temperatures, by
A. Ye. Ranzhko.

Kiev, Engleer Prilozheni, No 2, 1970, pp 35-39.

All Rec
Spec type B
Do not publish
Original plus four copies - including reproductions.
Doc may be clipped.

Nomograms for Determining Thermoelastic Stress
in a Plate, I, II, by I. V. Kravchuk.
RUSSIAN, per, Problemy Prochenosti, Vol 2,
Feb 1970, pp 87-95.
FTD HT Special 308-70

nov 70

Experimental Investigations of the Stress State of
Pressurized Chambers (And in Surgery), by
E. S. Zhuravskiy, 10 pp.
RUSSIAN, per, Problemy Prochnosti, No 4, 1970.
ACSI J-9651
ID 2204002171

May 71

INFO TR CHECK

4-8-2

T040

ACCELERATED TESTING METHODS FOR SAFETY
AN FATIGUE DURABILITY OF AIRCRAFT STRUCTURES
JAKOBSON I V

UR: PROBLEMY PROCHNESTI, APR 1970,
vol 2, pp 30-35

Impress as

HS-23-71-1852

*Negative
10/7/71*

High Temperature Strength of Copper Reinforced With
Tungsten Fibers, by D. M. Karpinos, 9 pp.

RUSSIAN, per, Problemy Prochnosti, No 5, 1970.

ARM/FSTC/HT-23-8-72

Aug 72

REC 178 0100K

25-7-46

INDY

OPTIMUM SELECTION OF THE PRINCIPAL PARAMETERS
OF THE GENERALIZED EQUATIONS FOR THE
HYSTERESIS LOOP CONTOUR
BOGINICH O E

UR: PROBLEMY PROCHNOSTI, vol 2, MAY 1970,
XXXXXX PP 3-10

In process as

*MS-24-71-1406
negative 7-29-71*

REQ TR CHECK

29-3-22

TA66

CREEP AND FAILURE OF THE OT-4 TITANIUM
ALLOY AT A CONSTANT TEMPERATURE

SOSNIN O V

UR: PROBLEMY PROCHNOSTI, vol 2, MAY 1970,
pp 28-32

In process as

*HS-23-71-1007 rev
4/11/11*

Materials With Protective Coatings and Evaluation
of Their Performance, Kiy Homb Ju I
MUSKIAN, par, PROBLEMY INZHINERSTVA, May 1970,
Vol 3, pp 65-68
FTD-HT-Special 71-120

APRIL 71

REQ TR CHECK

18-3-20

T979

EFFICIENCY FACTOR OF HYDRAULIC MACHINES
FOR FATIGUE TESTING OF MATERIALS

ORANESYAN A T; BOGUTSKIY V V

UR: PROBLEMY PROCHNOSTI, MAY 1970, vol 2,
pp 81-86

In process

HS-23-71-1039

*Negative
2/10/71*

SECRET

comp
Spec

(7pp)

CNS: 0075/73
21 Jul 721
27

The effect of electropolishing on the fatigue strength of 4024 and 4340 steels and 4140 alloy at room temperature and higher, by J. F. Gorman, & A. F. Chaplin.

Rev. ~~Engineering~~ Engineering, No 3, 1970, pp 90-92.

All Rec

Spec type B

Do not publish

Original plus 4 copies - including reproductions if possible. Rec as may be clipped.

KINSHIP

13 pp.
Comp. 19OSO: ODS/72 W
5 May 1972 SF

Thermal stability of gas turbine blades in the flow
of fuel combustion products, by A. P. Voloschuk
et al.

Kiev, Problemy Prochnosti, No. 6, 1970., pp 3-9

At Rec

Special type B

Do not publish

Original plus a four (4) copies.

NEWELIAN

CDD: 00582/72 W
5 May 1972 W

1. The effect of program parameters on the service life of high-temperature material during cyclic loading, by V. N. Rafayev et al.
2. Statistical estimation of the high-temperature strength parameters of materials for gas turbine engines, by I. P. Balygin et al.

Kiev, Problemy Prochnosti, No. 7, 1970, pp 17-21, 75-81.

Ad Hoc

Special type B

Do not publish

Original file four (4) copies and make reproduction

Criteria For Evaluating the Tendency of Turbine-
Blade Materials to Cold Brittleness, by
A. A. Chizhik, 13 pp.
RUSSIAN, per, Problemy Prochnosti, Moscow,
No 8, 1970, pp 13-19.
JPRS 55988

May 72

REC TR 1000

1-10-25

TS73

MOTION OF A TELESCOPE WITH ALLOWANCE FOR
RELATION AT SUPPORTS

TELIZY K G

OR: PROBLEMY PROGNOZII, vol. 2, SEPT 1970,
pp 56-58*In process as**HS-23-41-1983**4 Negative*

N. D. Kuznetsov

V. I. Tsytlin

A program for the equivalent testing of gas-turbine engines. 13 pp.

RUSSIAN, per, Problemy prochnosti, No 10, 1970, pp 14-19.

AIR/FTD-MT-24-2121-71

july 72

Statistical Evaluation of Characteristics of
Heat-Resistant Materials for Gas-Turbine Engines,
by I. P. Bulygin, N. I. Parfenova, 10 pp.
RUSSIAN, per, Problemy Prochnosti, Moscow, No 10,
1970, pp 20-24.
JPRS 56002

May 72

195-7-25
COMPUTATIONAL METHOD FOR EVALUATING THE
ENDURANCE OF GAS TURBINE ENGINE NOZZLE
GUIDE VANES UNDER PULSED THERMAL MODES
OF OPERATION
PLEKHANOV V A

UR: PROBLEMY PROCHNOSTI, OCT 1970, vol 2,
pp 34-37

In process

MS-24-71-1405-

*Negative
2/2/71*

REQ TR CHECK

15-6-16

7506

STATISTICAL ANALYSIS OF THE FATIGUE
CHARACTERISTICS OF LIGHT ALLOYS FOR
OBTAINING PROBABILISTIC ESTIMATES OF THE
ENDURANCE OF AIRCRAFT STRUCTURAL
STEPNOV M N; SIATSINTOV YE V
UR: PROBLEMY PROCHNOSTI, OCT 1970, vol 2,
pp 38-42

In process as
HS-23-71-1014

Agatue
2/2/71

REQ TR CHECK 15-6-13 T980

EQUIVALENT TESTING OF GAS TURBINE ENGINES
KOZNETSOV N D
UR: PROBLEMY PROCHNSSTI, vol 2, OCT 1970,
pp 74-77

In process as

MS-23-71-1015

Signature

SECRET

Comp. Special
9pp.CMB: 0203/73
10 Jul 72W
ST

Investigation and evaluation of the kinetics of
fatigue breakdown of heat-resistant alloys, by
B. I. Kuznetsov, et. al.

Kiev, Enginering, No 11, 1970, pp 19-23.

All Rec

Spec type B

Do not publish

Original plus four copies - including reproductions.

Do not be clipped.

REQ TR CHECK

8-10-5

TT20

METHOD OF ALLOWING FOR FRICTION FORCES

GLUKHARVE K K; M, LOV K V

UR: PROBLEMY PROGNOSTI, DEC 1970, vol 2,
pp 95-101.*In process as**H5-23-71-1985**Negative
3 Oct 71*

Resistance to Low-Cycle Deformation and Fatigue.
by R. M. Shneyderovich, 12 pp.
RUSSIAN, per, Problemy Prochnosti, Vol. No 2,
1971, pp 21-27.
JPRS 58180

Feb 73

Investigation of Failure of Gas Turbine Vanes
Under Influence of Thermal Cycles, by
G. N. Tret'yachenko, 13 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 2,
1971, pp 28-35.
JPRS 55924

May 72

Evaluation of Effect of Static Load on Heat
Resistance of Gas Turbine Vanes Under Thermal
Cycling Conditions, by G. N. Tret'yachenko, 8 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 2,
1971, pp 86-90.
JPRS 55924

May 72

Studying the True Strength Characteristics of
Several Heat-Resistant Alloys at High Temperatures,
by V. N. Rudenko, A. S. Spivakov, 7 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 5,
May 1971, pp 77-80.
JPRS 55556

Apr 72

Influence of Semifabricate-Production Technology
on the Mechanical Characteristics of Heat-
Resistant Alloys, by A. F. Helov, 12 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 6,
1971, pp 105-109.
JPRS 55879

May 72

Strength of Cast Gas Turbine Blades Under Variable
Loads, by T. P. Zakharova, B. F. Balashov, 12 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 7,
July 1971, pp 55-61.
JPRS 55555

Mar 72

Fatigue Strength of Models of Gas Turbine Vanes
During Programmed Temperature Change Approx-
imating the Operational Change, by B. N. Sinayskiy,
11 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 7,
1971, pp 62-68.
JPRS 55987

May 72

Investigation of the Condition of Turbine Disc
Material After Operation, by I. A. Koslov,
V. N. Rudenko, 10 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 7,
1971, pp 78-82.
JPRS 55987

May 72

RUSSIAN

Comp Sp.
*6/11*CDB: 08179/72 W
24 March 1972 SF

Mechanical properties of heat-resisting cast
material, by G. V. Kalygin.

Kiev, Problemy Prochnosti, No. 8, August 1971,
pp 111-113.

Ad Rec

Special type B

Do not publish

Original plus one

Make reproductions: Appx, tables, diagrams.

Investigation of the Influence of Oxidation-
Resistant Coatings on the Fatigue Strength
of Heat-Resistant Alloy, by I. I. Ishchenko,
V. I. Gmel'chenko, 9 pp.
RUSSIAN, per, Problemy Prochnosti, Kiev, No 10,
1971, pp 76-81.
JPRS 55972

May 72

SECRET *Comp Spinning* *14 pp.* **000: 834/1597 W**
15 Feb. 1973 SF
Investigation of the structure of the material of gas
turbine blades made from Inconel alloy, by G.P. Finkov
Kiev, Problemy Prochnosti, No. 11, 1971, pp 69-74.
All Rec
Special type B
Do not publish
Original plus four (4)

RUSSIAN

CSO: 0489/73 W
1 Sep 72 SF

Comp SF
8/11

On the problem of the investigation of the effect of sea water salts on the heat resistance of materials and parts in gas turbines, by G. N. Tret'yachenko, et. al.

Kiev, Problemy prochnosti, No 1, 1972, pp 10-12.

Ad Hoc

Spec type B

Do not publish

Translator's draft plus four copies - including reproductions. Xerox copy may be cut up.

T. D.: 7 September 1972.

RUSSIAN

Comp. Special
16 AP.CSO: 6796/73 W
18 Oct 72 SF

On the effect of the test temperature on the fatigue strength of the ZhS6K nickel alloy, by
B. N. Kinsyakiy, et. al.

Kiev, Problemy Prochnosti, No 2, 1972, pp 24-31.

Ad Hoc

Spec type B

Do not publish

Translator's draft plus four copies - including reproductions.

T. D.: 31 October 1972.

SECRET

1971
CNS: SIA/2221 1
12 March 1973 27

on the question of the extrapolation of the results
of many tests, by V.S. Adamovich and Ya. S. Pankovskiy.

Rev. Fredrick F. Fuchs, No. 2, Feb. 1972, pp 30-31.

Please publish, make reproductions and provide 300/
all has with 2 copies and the source.

RUSSIAN Comp Special
9pp.

CSO: 0795/73 W
10 Oct 72 SV

Studying the fatigue strength of heat-resistant
materials under non-str (cyclic) loading, by
V. N. Kufayev.

Kiev, Problemy mekhaniki, No 3, 1972, pp 13-16.

Ad Hoc

Spec type B HM

Do not publish

Translator's draft plus four copies - including
reproductions.

T. D.: 31 October 1972.

Dissipation of Energy During Vibrations of
Multilayer Plates, by V. G. Dubenets.
RUSSIAN, per, Problemy Prochnosti v Mashinostroeni,
No 2, 1970, pp 58-62.
NTC-71-11226-20K

Nov 71

Effect of Creep on Low Cycle Fatigue of
18Cr-9Ni-Ti Steel at Raised Temperatures,
by E. A. Antipov.
RUSSIAN, per, Problemy Prochnosti y
Mashinostroyeniya, No 4, 1970, pp 40-44
NTC 72-12116-11F

July 72

Criteria of Equivalence Under Conditions
of Creep During Complex Stressed State,
by A. V. Lebedev.
RUSSIAN, per, Problemy Prochnosti v
Mashinostroyeni, No 4, 1970, pp 45-48
NTC 72-12104-20K

July 72

Problems of Prognosis in Epidemiology, by
Gerasim Vagarshevich Barozan, 45 pp.
RUSSIAN, also, Problemy Prognostirovaniya i
Epizootologii from Priruchka i Analiz. Seriya 1
Voprasy. Seriya Meditsina, Moscow, No 9, 1971,
pp 3-48.
JPRS 54562

Dec 71

Problems of Distribution and Experimental
Evaluation of Permissible Levels of Cs¹³⁷, Sr⁹⁰,
and Ru¹⁰⁶, by La. Buldakov, Yu. I. Moskalev,
275 pp.
RUSSIAN, bk, Problemy Raspredeleniya i Eksperi-
mental'noi Otsenki Dopustimyykh Cs¹³⁷, Sr⁹⁰ i
Ru¹⁰⁶, 1968, pp 1-275.
AEC-Tr-7126-70

Sci/B&M
Apr 70

405,694

Problems of Developing Machine-Building Technology
(Selected Chapters), by D. A. Prokoshkin,
I. I. Sidorin. 109 pp.

RUSSIAN, bk, Problemy Razvitiya Tekhnologiy
Mashinostroyeniya, 1968, pp 33-66, 79-109.

AIR/FTD/MT-24-24-70

Sci-Mech
70 Jul

Problems of Developing the Technology of Machine
Building, 8 pp.

RUSSIAN, bk, Problemy Razvitiya Tekhnologii
Mashinostroyeniya, pp 236-242.

NAVY/NTSC-3362 - 72

Nov 72

Natural Gas Reserves in Western Siberia and Central Asia, by S. A. Borodakly, 19 pp.
RUSSIAN, per, Problemy Razvitiya Vostochnykh
Rayonov SSSR, Moscow, 1971, pp 76-79.
JPRS 56023

May 72

Relativistic Two-Body Dynamics, by V. G. Pisarenko.
RUSSIAN, bk, Problemy Relyativistskoy Dinamiki Dvukh Tel,
1973.
*IPST

Jan 73

Revolution in Military Affairs and Problems
of the Military Press, by R. Ya. Malinovskiy,
6 pp.

RUSSIAN, per, Problemy Revolyutsii v Voennoi
Dele, 1965, pp 3-7. P100340867
FTD-MT-67-72

Sci-Military Sci
Jan 68

346,492

Soviet Military Doctrine, by N. A. Lomov,
22 pp.
RUSSIAN, per, Problemy Revolyutsii v Voennoi
Dele, 1965, pp 40-56. P100340867
FTD-MT-67-72

Sci-Military Sci
Jan 68

346,493

New Weapons and the Character of Actions of
Armed Forces, by N. A. Lomov, 13 pp.
RUSSIAN, per, Problemy Revolyutsii v Voennoi
Dele, 1965, pp 115-124. P100340867
FTD-MT-67-72

Sci-Military Sci
Jan 68

346,494

PROBLEMY SEVERA
(Problems of the North - irregularly)
Translations begins with 1958
lag time: ca. one year
Order from: National Research Council
National Science Library
Translations Section
Ottawa 7, Ontario
\$ 7.00/year Canada, U.S.A. elsewhere
\$ 1.00 single article reprints
Back issues out of print

chew

RUSSIAN *JPRS 58923* CSO: 8144/1906 W
21 March 1973 SF

Questions of utilizing the hydroelectric resources
of the Northern regions of the USSR, by
V.A. Ryl'skiy, S.L. Oziranskiy et al. *17 pp*

Moscow, Problemy Severa, Vol. 17, 1972.

Please publish and provide JPRC/ad hoc with a
copy and the source.

Cetaceans of the Arctic, Prospects of Their
Proper Utilization and Conservation, by
A. V. Yablokov, V. M. Bal'kovich. 20 pp.
RUSSIAN, bk, Problemy Severa (11), From Fauna
Krainego Severa i ee Ispol'zovaniya Akad
Nauk SSSR, Komissiya po Problemam Severa Soveta
po Izucheniyu Proizvoditel'nykh sil pri
Gosplane SSSR, 1967, pp 166-181.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
A-32-Oct 1969- No 1
On Loan

Sci-B&M/Dec 69

398,504

Problems of Systems Engineering Psychological
Design, by V. Ya. Dubrovskiy, L. P. Shchedrevitskiy,
88 pp.

RUSSIAN, none, Problemy Sistemnogo Inzhenering-
Psikhologicheskogo Proektirovaniya. Moscow,
1971, 94 pp.
JPRS 54698

Dec 71

Success and Problems of Soviet Public Health,
by A. F. Jurevko, 14 pp.
RUSSIAN, bk. Problemy Sotsial'nogo Zdrav'ya, Moscow,
1971, pp 34-45, 67.
JPRS 53758

AUG 71

Contemporary Conditions of the Ideological
Struggle and Certain Problems of Ideological
Indoctrination in Light of the Results of the
CPSU Congress, A. N. Yakovlev, 24 pp.
RUSSIAN, bk. Problemy Sovremennoy Ideologicheskoy
Por'by. Razvitiya Sotsialisticheskoy Ideologii i
Kul'tury, Moscow, 1972, pp 3-30.
JPRS 57941

Jan 73

Socialism and the Development of the Individual,
by G. I. Smirnov, 19 pp.
RUSSIAN, bk, Problemy Sovremennoy Ideologicheskoy
Borby, Razvitiya Sotsialisticheskoy Ideologii i
Kul'tury, Moscow, 1972, pp 31-51.
JPRS 57941

Jan 73